

# Ali Yousefzadi Nobakht

## List of Publications by Year in descending order

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11  
papers

183  
citations

1163117

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h-index

1474206

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g-index

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all docs

11  
docs citations

11  
times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation into the microscopic mechanisms influencing convective heat transfer of water flow in graphene nanochannels. International Journal of Heat and Mass Transfer, 2017, 109, 28-39.	4.8	49
2	Thermal rectification via asymmetric structural defects in graphene. Carbon, 2018, 132, 565-572.	10.3	34
3	Anisotropic control of thermal transport in graphene/Si heterostructures. Journal of Applied Physics, 2016, 120, .	2.5	24
4	Heat flow diversion in supported graphene nanomesh. Carbon, 2017, 123, 45-53.	10.3	17
5	Machine Learning for Thermal Transport Analysis of Aluminum Alloys with Precipitate Morphology. Advanced Theory and Simulations, 2019, 2, 1800196.	2.8	16
6	Uncertainty quantification in non-equilibrium molecular dynamics simulations of thermal transport. International Journal of Heat and Mass Transfer, 2018, 127, 297-307.	4.8	13
7	Structural deformation and transformation of $\text{Al}_2\text{Cu}$ precipitate in Al matrix via interfacial diffusion. Computational Materials Science, 2019, 156, 111-120.	3.0	13
8	Effects of mass and interaction mismatches on in-plane and cross-plane thermal transport of Si-doped graphene. International Journal of Heat and Mass Transfer, 2021, 169, 120979.	4.8	13
9	Reconstruction of effective potential from statistical analysis of dynamic trajectories. AIP Advances, 2020, 10, .	1.3	4
10	Asymmetric Thermal Transport by Adjusting Structural Defects. , 2018, , .		0
11	Leveraging Single Atom Dynamics to Measure the Electron-Beam-Induced Force and Atomic Potentials. Microscopy and Microanalysis, 2018, 24, 96-97.	0.4	0